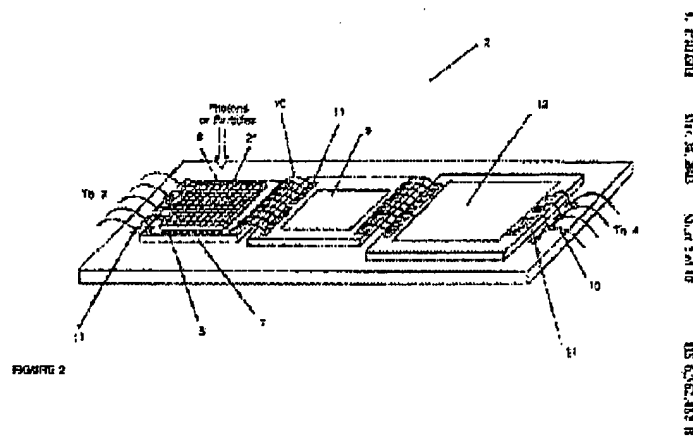


Remarks

In response to the office action mailed August 26, 2005 in the present application, applicants hereby submit the above amendments and below remarks.

The amendment to claim 15 is provided to correct the spelling of "microchannel" and claim 18 is provided to correct the spelling of "fluorescent". Further, the invention is clarified to correspond with the embodiment of the invention shown in Figure 10, whereby a biochip array device is provided including a CCD array; a phosphor screen supported by said CCD array; a microchannel plate supported by said phosphor screen; a photocathode supported by said microchannel plate; and a biochip array supported by said photocathode.

Regarding the rejections of claims 15 and 16 under 35 USC 102(b) as being anticipated by Stettner et al. U.S. Patent No. 6,362,482 (hereinafter "Stettner"), and of claims 17-18 under 35 USC 103(a) as being unpatentable over Stettner, it is respectfully submitted that Stettner does not describe nor suggest a biochip array as included in claim 15 and claims 16-18 dependent therefrom. Rather, as is apparent from Figure 2 of Stettner depicted below, sensor 2 is intended to detect photons or particles from ambient surroundings.

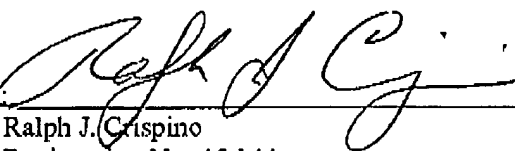


In contrast, the present claim 15 is directed to a biochip array device comprising a CCD array; a phosphor screen supported by said CCD array; a microchannel plate supported by said phosphor screen; a photocathode supported by said microchannel plate; and a biochip array supported by said photocathode. A biochip array, as described in the

specification at page 28, lines 13-15, is "an array of hundreds if not thousands of different single stranded oligonucleotides, each in its own well".

The amendments herein do not introduce any new matter. It is believed that the claims herein should be allowable to Applicants. Accordingly, allowance is respectfully requested.

Respectfully Submitted,

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